

Message

From: Rykaczewski, Dave A. [Dave.Rykaczewski@wsp.com]
Sent: 5/9/2018 1:37:08 PM
To: Santos, Carmen [Santos.Carmen@epa.gov]
CC: Russ.Cepko@cbs.com; Romano, Amy M. [Amy.Romano@wsp.com]
Subject: Raw data and UCL calculations - Former Westinghouse Apparatus Repair facility
Attachments: Former Westinghouse Electric Corp Rancho Dominguez CA PCB Data 2015 (050....xlsx; Former Westinghouse Electric Corp Rancho Dominguez CA ProUCL Outputs PCB....xls

Carmen,

Please find attached the PCB data that were used to calculate the 95% upper confidence limit (UCL) for each decision unit. A decision unit is based on media type, location, and building feature (if applicable).

Also attached are the ProUCL output sheets showing the UCL results for each decision unit. The following criteria were used to calculate the UCL:

- If a duplicate sample was collected for a location, the higher of the primary and duplicate sample result was assumed.
- The detection limit was assumed for nondetect concentrations.

A summary of the UCLs for each decision unit is provided below.

Exposure Unit	Decision Unit	Total P UC
Indoor Air ($\mu\text{g}/\text{m}^3$)	Indoor Air	0.08
Non-Porous Surface ($\mu\text{g}/100 \text{ cm}^2$)	8 feet High or Lower	1.2
	Greater than 8 feet High	1.7
	Floor grates and drains	1.8
Concrete Floors (mg/kg)	Northeast Quadrant	35
	Northwest Quadrant	65
	Southwest Quadrant	4.9
	Southeast Quadrant	7.5
	Interior Office/Mezzanine	3.1
Concrete/Masonry Building Walls (mg/kg)	Northeast Quadrant	35
	Northwest Quadrant	1.5
	Southwest Quadrant	0.9
	Southeast Quadrant	2.2
	Breakroom/Interior Office	1.9
Transformer Pit (mg/kg)	Walls and Floor	3,10
Control Room/Storage Room (mg/kg)	Walls	3.5
Loading Docks (mg/kg)	Northeast Loading Dock	33
	Southeast Loading Dock	4.9
	Southwest Loading Dock	3.3
HVAC System (mg/kg)	HVAC Dust	3.9

a/ The maximum detected concentration is assumed because the recommended UCL exceeded the maximum observation.

b/ The maximum detected concentration is assumed because the dataset was too small to compute reliable and meaningful statistics.

I will send you some additional information that you requested later today.

Thanks,
Dave

Dave Rykaczewski, PE
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Please note I have a new address.

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